ATTACHMENT J2

Capital MAP (ANG) Water Distribution System

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J2 Capital MAP (ANG) Water Distribution System

J2.1 Capital MAP (ANG) Overview

The 183rd Fighter Wing (FW) of the Illinois Air National Guard occupies 91 acres of leased land on the Capital Municipal Airport (MAP), located approximately three miles northwest of downtown Springfield, Illinois. The mission of the 183rd FW is to provide 15 combat ready aircraft, pilots, and required support personnel capable of global deployment to perform tactical, general-purpose warfare as directed by major command authority. The unit currently flies the F-16 Falcon. The 183rd FW occupies 2 administrative and 31industrial buildings totaling approximately 267,600 square feet with 321 full-time personnel. A unit training drill is conducted once a month and results in a surge of up to a total of 1,121 personnel.

J2.2 Water Distribution System Description

J2.2.1 Water Distribution System Fixed Equipment Inventory

The Capital MAP (ANG) water distribution system consists of all appurtenances physically connected to the distribution system from the point in which the distribution system enters the Installation and Government ownership currently starts to the point of demarcation, defined by the Right of Way. The system may include, but is not limited to, pipelines, valves, and fire hydrants. It does not include any water rights. The actual inventory of items sold will be in the bill of sale at the time the system is transferred. The following description and inventory is included to provide the Contractor with a general understanding of the size and configuration of the distribution system. The Government makes no representation that the inventory is accurate. The Contractor shall base its proposal on site inspections, information in the technical library, other pertinent information, and to a lesser degree the following description and inventory. Under no circumstances shall the Contractor be entitled to any service charge adjustments based on the accuracy of the following description and inventory.

Specifically excluded from the water distribution system privatization are:

?? Lawn sprinkler systems

?? Fire suppression systems

?? City Water Light & Power (CWLP) owns a short section of pipe that comes from off-base and ends at a CWLP owned utility vault located 330 feet northeast of the northeast corner of Building P23.

J2.2.1.1 Description

Water service is supplied by City Water Light & Power (CWLP) and enters the base at two points. The configuration is primarily a branched system with a small looped portion. Water is delivered at 50 to 60 psig. The distribution system consists of approximately 770 linear feet of PVC pipe, 6,800 linear feet of ductile iron pipe, 1,500 linear feet of cast iron pipe, 950 linear feet of transite pipe, and 270 linear feet of copper pipe. Pipe diameter ranges from one to eight inches. Pipe is buried at an

average depth of five feet without the use of tracer wire or marking tape. The system also has 24 steel gate valves and 24 fire hydrant assemblies. Base personnel indicate the capacity of the current system is adequate for present and future needs.

J2.2.1.2 Inventory

Table 1 provides a general listing of the major water distribution system fixed assets for the Capital MAP (ANG) water distribution system included in the sale.

TABLE 1
Fixed Inventory
Water Distribution System Capital MAP (ANG)

Item	Size	Quantity	Unit	Approximate Year of Construction
PVC Pipe	(in)			
	2	343	LF	1990
	2	211	LF	1977
	6	220	LF	1998
Ductile Iron Pipe	(in)			
	4	476	LF	1988
	4	112	LF	1977
	6	233	LF	2000
	6	966	LF	1958
	6	2483	LF	1949
	6	1294	LF	1980
	6	194	LF	1988
	6	84	LF	1977
	8	956	LF	2000
Cast-Iron Pipe	(in)			
	3	151	LF	1966
	6	270	LF	1980
	6	378	LF	1974
	6	732	LF	1958
Copper Pipe	(in)			
	1	136	LF	1998
	1	137	LF	1958
Transite Pipe	(in)			
	3	166	LF	1975

Item	Size	Quantity	Unit	Approximate Year of Construction
	6	788	LF	1974
Steel Gate Valves	(in)			
	3	1	EA	1975
	3	1	EA	1966
	4	1	EA	2000
	6	2	EA	1988
	6	4	EA	1990
	6	3	EA	1974
	6	1	EA	1987
	6	3	EA	1949
	6	2	EA	1980
	6	1	EA	1995
	6	3	EA	2000
	8	2	EA	2000
Fire Hydrant Assemblies				
		3	EA	2000
		18	EA	1985
		2	EA	1990
		1	EA	1998

Notes:
PVC = Polyvinyl Chloride
EA = Each
IN=Inches
LF = Linear Feet

J2.2.2 Water Distribution System Non-Fixed Equipment and Specialized Tools

Table 2 lists other ancillary equipment (spare parts) and **Table 3** lists specialized vehicles and tools included in the purchase. Offerors shall field verify all equipment, vehicles, and tools prior to submitting a bid. Offerors shall make their own determination of the adequacy of all equipment, vehicles, and tools.

TABLE 2
Spare Parts
Water Distribution System Capital MAP (ANG)

Qty	Item	Make/Model	Description	Remarks

Qty	Item	Make/Model	Description	Remarks
None				

TABLE 3
Specialized Vehicles and Tools
Water Distribution System Capital MAP (ANG)

Description	Quantity	Location	Maker
None			

J2.2.3 Water Distribution System Manuals, Drawings, and Records

Table 4 lists the manuals, drawings, and records that will be transferred with the system.

TABLE 4
Manuals, Drawings, and Records
Water Distribution System Capital MAP (ANG)

Qty	Description	Remarks
1	Water Distribution System Map	AutoCAD Release Version 2000

J2.3 Specific Service Requirements

The service requirements for the Capital MAP (ANG) water distribution system are as defined in the Section C, Description/Specifications/Work Statement.

J2.4 Current Service Arrangement

?? **Current Provider:** City Water Light Company

?? **Average Annual Usage (2000):** 1,521 kGal

?? **Maximum Monthly Use**: 193 kGal (September)

?? **Minimum Monthly Use**: 76 kGal (October)

J2.5 Secondary Metering

J2.5.1 Existing Secondary Meters

Table 5 provides a listing of the existing (at the time of contract award) secondary meters that will be transferred to the Contractor. The Contractor shall provide meter readings for all secondary meters IAW Paragraph C.3 and J2.6 below.

TABLE 5
Existing Secondary Meters
Water Distribution System Capital MAP (ANG)

Meter Location	Meter Description (Type)

Meter Location	Meter Description (Type)
None	

J2.5.2 Required New Secondary Meters

The Contractor shall install and calibrate new secondary meters as listed in **Table 6**. New secondary meters shall be installed IAW Paragraph C.13 Transition Plan. After installation, the Contractor shall maintain and read these meters IAW Paragraphs C.3 and J2.6 below.

TABLE 6
New Secondary Meters
Water Distribution System Capital MAP (ANG)

Meter Location	Meter Description
None	

J2.6 Monthly Submittals

The Contractor shall provide the Government monthly submittals for the following:

1. Invoice (IAW G.2). The Contractor's monthly invoice shall be presented in a format proposed by the Contractor and accepted by the Contracting Officer. Invoices shall be submitted by the 25th of each month for the previous month. Invoices shall be submitted to the person identified at time of contract award.

2. Outage Report. The Contractor's monthly outage report will be prepared in the format proposed by the Contractor and accepted by the Contracting Officer. Outage reports shall be submitted by the 25th of each month for the previous month. Outage reports shall be submitted to the person identified at time of contract award.

3. Meter Reading Report. The monthly meter reading report shall show the current and previous month readings for all identified secondary meters (if any). The Contractor's monthly meter reading report will be prepared in the format proposed by the Contractor and accepted by the Contracting Officer. Meter reading reports shall be submitted by the 15th of each month for the previous month. Meter reading reports shall be submitted to the person identified at time of contract award.

J2.7 Water Conservation Projects

IAW Paragraph C.3 Utility Service Requirement, the following projects have been implemented by the Government for conservation purposes: None.

J2.8 Service Area

IAW Paragraph C.4 Service Area, the service area is defined as all areas within the Capital MAP (ANG) boundaries.

J2.9 Off-Installation Sites

No off-installation sites are included in the sale of the Capital MAP (ANG) water distribution system.

J2.10 Specific Transition Requirements

IAW Paragraph C.13 Transition Plan, **Table 7** provides a listing of service connections and disconnections required upon transfer.

TABLE 7
Service Connections and Disconnections
Water Distribution System Capital MAP (ANG)

Location	Description
None	

J2.11 Government Recognized System Deficiencies

Table 8 provides a listing of system improvements that the Government has planned. The Government recognizes these improvement projects as representing current deficiencies associated with the Capital MAP (ANG) water distribution system. If the utility system is sold, the Government will not accomplish these planned improvements. The Contractor shall make a determination as to its actual need to accomplish and the timing of any and all such planned improvements. Capital upgrade projects shall be proposed through the Capital Upgrades and Renewals and Replacements Plan process and will be recovered through Schedule L-3. Renewal and replacement projects will be recovered through Sub-CLIN AB.

TABLE 8
System Deficiencies
Water Distribution System Capital MAP (ANG)

Project Location	Project Description
None	